

OpenVMS VAX™ CD-ROM Distribution Service - March 1997

AV-Q1F7U-TE

Dear customer,

Thank you for your continued interest in the OpenVMS VAX™ SPL PKG Q1CY97 Distribution Service (kit QA-YL48A-W8. AW01). This booklet is composed of the following hard copy documents.

Part Number	Title
AV-PSQEZ-TE	OVMS VAX™ LP&OS LIB Q1CY97 LTR
AV-PZQAU-RE	OVMS VAX™ LP&OS LIB MSTR INDEX
AV-Q001G-TE	NAS RBI LETTER
AV-R0N9A-TE	SPL Offerings Table Letter
AV-R1CSA-TE	SPL Getting Started Letter
AV-R4Y1A-TE	OVMS V7.0 SECURITY MUP LETTER

The kit also contains the following parts.

Part Number	Title
99-10087-01 X2	GENERIC CDROM FOLDER
AG-PU0EY-RE	OpenVMS VAX™ DOC LIB CD 1/3
AG-QL93H-RE	OpenVMS VAX™ DOC LIB CD 2/3
AG-R3UQA-XE	OpenVMS VAX™ DOC LIB CD 3/3
AG-PZ3PW-XE	OpenVMS VAX™ S/W LIB CD 1/12
AG-Q6PAP-XE	OpenVMS VAX™ S/W LIB CD 2/12
AG-QAN5M-XE	OpenVMS VAX™ S/W LIB CD 3/12
AG-QRAZF-XE	OpenVMS VAX™ S/W LIB CD 4/12
AG-QWUYD-XE	OpenVMS VAX™ S/W LIB CD 5/12
AG-R3UKA-XE	OpenVMS VAX™ S/W LIB CD 6/12
AG-R3ULA-XE	OpenVMS VAX™ S/W LIB CD 7/12
AG-PUKLY-RE	OpenVMS VAX™ S/W LIB CD 8/12
AG-PUKMY-RE	OpenVMS VAX™ S/W LIB CD 9/12
AG-PYFUV-XE	OpenVMS VAX™ S/W LIB CD 10/12
AG-Q0WWS-XE	OpenVMS VAX™ S/W LIB CD 11/12
AG-Q9W8J-XE	OpenVMS VAX™ S/W LIB CD 12/12
AG-PTM5H-BE	NAS V/V™ V8.0 CDROM 1/2
AG-QHT4D-BE	NAS V/V™ 8.0 CDROM 2/2
AG-Q2LNF-BE	NAS V/V™ V8.0 CDROM 1/1
AG-QSBYB-BE	OVMS ALPHA® + VAX™ V7.0 OLD 1/1
AV-R3UMA-TE	OVMS VAX™ LP&OS LIB CD SPINE
AV-PU0FY-RE	OVMS VAX™ DOC LIB CD SPINE
AV-PZQ9U-RE	OVMS VAX DOC LIB MASTER INDEX
AV-QSB9A-TE	Software Loan Agreement Ltr



OpenVMS™ VAX™ Software Product Library—March 1997

AV-PSQEZ-TE

Welcome to this month's OpenVMS VAX Software Product Library Package. The March 1997 package includes the changes described in the following sections.

Bookshelf Navigation Utility (BNU)

The Bookshelf Navigation Utility (BNU) is now available on the companion Online Documentation Library CD-ROMs. The BNU enables the user to view Bookreader™ documentation, as well as information displayed in other industry-standard formats. For further details, please refer to the *Online Documentation Library CD-ROM User's Guide*, located in the README directory on disc 1.

Removed Products

With the March 1997 Software Product Library, we return to shipping only one version of a each software product. Please refer to the Operating System Support Matrix for further information on Operating System support. This information is located on disc 1 in the following file:

[README]SW_COMPAT_MATRIX.PS (.TXT)

POLYCENTER Product Retirements

The following POLYCENTER products have started the retirement process and have been removed from the Software Product Library Package effective March 1997. The migration path for these products is to the Polycenter AssetWorks product (UPIs 37S, 37T, 4MR, 58P, 598).

Product Name	Version	UPI
POLYCENTER Software Distribution	Version 3.0	B13
POLYCENTER System Census for OpenVMS (Agent)	Version 1.3	ML1
POLYCENTER System Census for OpenVMS (Consolidator)	Version 1.3	ML4
POLYCENTER System Census for OpenVMS (GUI)	Version 1.3	ML7

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Other Product Retirements

The following products have been removed from the March 1997 Software Products Library because they have completed their retirement process. Please see the "removed products" table in the *OpenVMS VAX Software Product Library Master Index* for further detail.

Product Name	Version	UPI
AAF01/VMS Subroutine Library	Version 2.0	EFRAA
ADF01/VMS Subroutine Library	Version 4.0	735AA
DEC @aGlance for VMS (Development Option)	Version 1.0	MREAA
DEC @aGlance for VMS (Server Runtime Option)	Version 1.0	MRFAA
DEC @aGlance for VMS (Client Runtime Option)	Version 1.0	MRGAA
DEC Distributed Computing Services for OpenVMS	Version 1.0	07NAA
DEC Signaling System 7 (DECss7) for OpenVMS	Version 2.1	GUTAA
DECwindows F6680 Terminal Emulator for OpenVMS	Version 2.0A	05FJA
DRX11-C/VMS Driver	Version 6.0	S36AA
VAX BLISS-32 Implementation Language	Version 4.6	106AA
VAX KCT32	Version 2.1	128AA
VAX KMS11-BD/BE HDLC/BSC Framing Software	Version 2.1	920AA
VAX KMS11-BD/BE X.25 Link Level Software	Version 2.1	757AA

Future Product Removals

The following POLYCENTER™ products will be removed from the Software Product Library Package effective June 1997. This group of products has been sold to Computer Associates and will no longer be distributed as part of the Software Library Package.

Computer Associates will continue to provide updates for the Digital POLYCENTER products. The update distribution plan for non-service customers is under development and details will be forthcoming.

Multivendor Customer Service (MCS) will continue to offer updates for each of the products listed below as developed and released by Computer Associates. If you are an MCS customer currently receiving updates for these POLYCENTER products from the Consolidation, you will have to purchase an individual Media and Documentation Service (MDDS) contract for each product for which you want to continue to receive updates. Product updates will be delivered on limited media types.

Product Name	Version	UPI
POLYCENTER Console Manager	Version 1.6	V01
POLYCENTER Performance Advisor	Version 2.2	GX2
POLYCENTER Performance Data Collector	Version 2.2	GX1
POLYCENTER Scheduler Agent	Version 2.1B	3AV
POLYCENTER Scheduler	Version 2.1B	YLL
POLYCENTER System Watchdog Agent	Version 2.2	MTZ
POLYCENTER System Watchdog Consolidator	Version 2.2	MTY
POLYCENTER Accounting Chargeback	Version 2.2	XTX

Product Name Changes

The following product has changed its name with this package release:

Former Product Name	New Product Name	UPILV (No change)
DEC OSDS-Optical Storage Desktop Software for OpenVMS	Digital Optical Storage Management Software (OSMS) for OpenVMS	09UAA
DEC OSMS-Optical Storage Management Software for OpenVMS	Digital Optical Storage Management Software (OSMS) for OpenVMS	0UBAA
DEC TCP/IP Services/Japanese for OpenVMS	Digital TCP/IP Services/Japanese for OpenVMS	VHRJA
DECnet/OSI for OpenVMS Alpha	DECnet-Plus for OpenVMS Alpha	D04AA
Digital Device Access Software for Allen-Bradley	BASEstar™ OpenDAS for Allen-Bradley Data Highway	11GAA
Digital Device Access Software for MODICON	BASEstar OpenDAS for Modicon	11JAA
Distributed Computing Environment (DCE) for OpenVMS	Digital Distributed Computing Environment (DCE) for OpenVMS VAX™ and OpenVMS Alpha	24DAA 01SA9 01SAA 24FAA
POLYCENTER HSM for OpenVMS	Hierarchical Storage Management for OpenVMS	3J1AA

Also, please note, new customers for Archive Backup System will find the product in this kit under its previous name: Storage Library System. The new product name, "Archive Backup System" will be phased in with the next major update of this product. The common UPILVs are: 0L7AA, YE8AA.

A Final Note

If you have questions or concerns regarding the Software Products Library, please contact us at:

cdrom_docs@zko.dec.com

OpenVMS VAX Software Product Library

Master Index

AV-PZQAU-RE

March 1997

This document lists all products for this release of the OpenVMS VAX Software Product Library.

Revision/Update Information: This revised document supersedes AV-PZQAT-RE.

**Digital Equipment Corporation
Maynard, Massachusetts**

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OpenVMS VAX March 1997 Software Product Library Master Index

This master index lists the layered products contained on the OpenVMS VAX Software Product Library CD-ROMs, as well as products removed since the last issue:

Table Number	Description
Table 1-1	Lists all products included on the March 1997 Software Product Library CD-ROMs.
Table 1-2	Lists the NAS Packages products, which are shipped on separate CD-ROMs included in this Library Package.
Table 1-3	Lists products that have been removed from the March 1997 Software Product Library CD-ROMs. It also provides the CD number and directory location from the <i>December 1996</i> issue of the Software Product Library. To retain a copy of any of these removed products, be sure to keep the indicated CD from the December 1996 release.

The columns in Table 1-1, Table 1-2, and Table 1-3 contain the following information:

Column Name	Column Contents
Product Name	The name of the product.
Vers.	The version number of the product.
UPI	The unique product identifier.
Status	NEW indicates that the product is a new addition to the CD-ROM. UPD indicates the product has been updated since the last issue. REM indicates the product has been removed since the last issue. A blank space indicates no change.
CD	The number of the CD-ROM on which a product is located.
Directory	The name of the product's directory on the CD-ROM.

OpenVMS VAX March 1997 Software Product Library Master Index

Table 1-1 March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
3270 Terminal Option Software	1.1	VV9AA		7	[CXM011]
ACMS DESKtop for OpenVMS	2.2	GZGAA		2	[ACMSDI022]
ACMS Desktop/Japanese for OpenVMS	2.2	GZGJA		10	[ACMSDIJA022]
ACMS for OpenVMS (Development)	4.1	079AA		2	[ACMSDEVV_041]
ACMS for OpenVMS (Runtime)	4.1	076AA		2	[ACMSRTOV_041]
ACMS for OpenVMS (Remote)	4.1	Y30AA		2	[ACMSREMV_041]
ACMS/Japanese for OpenVMS	4.1	079JA		11	[ACMSJA041]
ALL-IN-1 DESKtop Server for VMS	1.2	YFFAA		1	[A1SVC012]
ALL-IN-1 Office Server Options for OpenVMS Alpha and OpenVMS VAX	3.2	AAAAA		1	[A1032]
ALL-IN-1 OSO TeamLinks Connection for OpenVMS Alpha and OpenVMS VAX	2.5	AAAAT		1	[TLC025]
ALL-IN-1 OSO TeamLinks Connection /Japanese for OVMS Alpha and VAX	2.5	5CTJA		10	[TLCJA025]
ALL-IN-1 Mail/Dansk for VMS	1.1	VZ7DA		6	[A1MAILDA011]
ALL-IN-1 Mail/Deutsch for VMS	1.1	VZ7GA		6	[A1MAILDE011]
ALL-IN-1 Mail/Español for VMS	1.1	VZ7SA		6	[A1MAILES011]
ALL-IN-1 Mail/Français for VMS	1.1	VZ7PA		6	[A1MAILFR011]
ALL-IN-1 Mail/Italiano for VMS	1.1	VZ7UA		6	[A1MAILIT011]
ALL-IN-1 Mail/Nederlands for VMS	1.1	VZ7HA		6	[A1MAILNL011]
ALL-IN-1 Mail/Svenska for VMS	1.1	VZ7MA		6	[A1MAILSV011]
ALL-IN-1 Personal Assistant	1.1	MDXAA		1	[A1PA011]
ALL-IN-1 Web Interface for OpenVMS Alpha and OpenVMS VAX	1.0	50CAC		1	[AWI010]
ALL-IN-1/Dansk Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAADA		9	[A1LDA032]
ALL-IN-1/Deutsch Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAAGA		9	[A1LDE032]
ALL-IN-1/Español Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAASA		9	[A1LES032]
ALL-IN-1/Français Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAAPA		9	[A1LFR032]
ALL-IN-1/Hangul Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAA4A		12	[A1CKO032]
ALL-IN-1/Hanyu Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAA3A		12	[A1CTA032]
ALL-IN-1/Hanzi Office Server Options for OpenVMS AXP and OpenVMS VAX	3.2	AAA2A		12	[A1CPR032]
ALL-IN-1/Hebrew Integrated Office System Server for OpenVMS	3.0	AAATA		10	[A1LIL030]
ALL-IN-1/Italiano Office Server Options for OpenVMS AXP & OpenVMS VAX	3.2	AAUA		9	[A1LIT032]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
ALL-IN-1/Japanese Integrated Office System Server for OpenVMS	3.0B	AAAJA		11	[A1BJVB030]
ALL-IN-1/Nederlands Office Server Options for OpenVMS AXP & OpenVMS VAX	3.2	AAAHA		9	[A1LNL032]
ALL-IN-1/Norsk Office Server Options for OpenVMS AXP & OpenVMS VAX	3.1	AAANA		9	[A1LNO031]
ALL-IN-1/Português Office Server Options for OpenVMS AXP & OpenVMS VAX	3.1	AAAVA		9	[A1LPT031]
ALL-IN-1/Português-Latino Office Server Options for OpenVMS AXP and VAX	3.2	AAAXA		11	[A1LBZ032]
ALL-IN-1/Suomi Office Server Options for OpenVMS AXP & OpenVMS VAX	3.1	AAAFa		9	[A1LFI031]
ALL-IN-1/Svenska Integrated Office System Server for OpenVMS	3.2	AAAMA		9	[A1LSV032]
ALL-IN-1/Teamroute (Japanese)	1.1A	GEZJA		11	[TMRA1BJVMUPA011]
BASEstar Classic DAS for Allen-Bradley Data Highway	3.4	5JYAA		2	[DCM_ABVV034]
BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software	3.4	5K0AA		2	[DCM_DTLVV034]
BASEstar Classic DAS for Modicon	3.4	5K2AA		2	[DCM_MODVV034]
BASEstar Classic DAS for Siemens H1	3.4	5K4AA		2	[DCM_H1VV034]
BASEstar Classic DAS for DEComni	3.4	5K6AA		2	[DCM_OMNIVV034]
BASEstar Classic for OpenVMS VAX (Development)	3.4	YU9AA		2	[BCCVV034]
BASEstar Classic for OpenVMS VAX (RunTime)	3.4	YUAAA		2	[BCCVV034]
BASEstar Open DAS for Allen-Bradley Data Highway	3.0	11GAA		2	[ABDVV030]
BASEstar Open DAS for Modicon	3.0	11JAA		2	[MODVV030]
BASEstar Graphics Enabler (Development)	2.3A	XTAAA		2	[BGEVAXA023]
BASEstar Graphics Enabler (RunTime)	2.3A	XTBAA		2	[BGEVAXA023]
BASEstar Open Server (Development)	3.0	0X7AA		2	[BSTROVV030]
BASEstar Open Server (RunTime)	3.0	0X6AA		2	[BSTROVV030]
BASEstar Open Client	3.0	0Y8AA		2	[BSTROVV030]
CDA Converter Library for OpenVMS	2.2	VZAAA		7	[CDACVTLIB022]
Consolidated DEChub Firmware Kit	3.1	32TAA		7	[DCF011]
DEC Ada for OpenVMS VAX Systems	3.3	056AA		4	[ADA033]
DEC Ada for OpenVMS VAX Systems (Prof Development Option)	3.3	0VQAA		4	[ADA033]
DEC C for OpenVMS VAX	5.5	015AA		4	[CC055]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DEC C++ for OpenVMS VAX (Compiler)	5.5	MJ1AA	UPD	4	[CXX055]
DEC COMMserver for OpenVMS	3.0A	GCQAA		6	[COMMSERVER030A]
DEC Data Distributor for OpenVMS VAX	6.0	VDRAA		4	[DDAL060]
DEC DATATRIEVE for OpenVMS VAX Systems	7.1	898AA		7	[DTR071]
DEC DATATRIEVE/Hangul for OpenVMS VAX	6.1	8984A		11	[DTRAN061]
DEC DATATRIEVE/Japanese for OpenVMS VAX	6.1	898JA		10	[DTRJA061]
DEC DB Integrator for OpenVMS VAX (Interactive)	3.1B	221AA		4	[DBIVVB031]
DEC DB Integrated Gateway for Custom Drivers for OpenVMS VAX	3.0D	0EQAA		4	[NSDS_V_MD030]
DEC DB Integrator Gateway for DB2 for OpenVMS VAX	3.1A	VTWAA		4	[LDB2VVA031]
DEC DB Integrator Gateway for DBMS for OpenVMS VAX	1.0B	2DAAA		4	[NSDS_V_MD030]
DEC DB Integrator Gateway for EDA/SQL	3.1A	0VCAA		4	[LEDAVVA031]
DEC DB Integrator Gateway for DSM	1.0C	2DEAA		4	[NSDS_VV_MD030]
DEC DB Integrator Gateway for ORACLE for OpenVMS VAX	3.1A	YQVAA		4	[LORAVVA031]
DEC DB Integrator Gateway for PC Data for OpenVMS VAX	3.1A	3DYAA		4	[LREDVVA031]
DEC DB Integrator Gateway for RMS for OpenVMS VAX	3.0D	YQZAA		4	[NSDS_V_MD030]
DEC DB Integrator Gateway for SequeLink	3.1A	3E1AA		4	[LSQKVVA031]
DEC DB Integrator Gateway for Sybase for OpenVMS VAX	3.1A	0U4AA		4	[LSYBVVA031]
DEC Distributed Queuing Service for OpenVMS	1.3	VENAA		4	[DQS013]
DEC Distributed Server Library for OpenVMS (Server)	1.0	MV7AA		4	[SEP_DSLS010]
DEC Distributed Server Library for OpenVMS (Client)	1.0	MV8AA		4	[SEP_DSLC010]
DEC IEZ11 Class Driver for VMS	2.1	YEHAA		6	[IEZ11021]
DEC InfoServer Client for VMS	1.0	GGWAA		6	[ESS010]
DEC Network Integration Server Software	3.1	GX7AA		4	[NIS031]
DEC Notes for OpenVMS VAX Systems	2.5	960AA		2	[NOTES025]
DEC NOTES/Japanese	2.5	960JA		10	[NOTESJA025]
DEC ODA CDA Gateway for VMS	1.0	YHNAA		6	[ODA010]
DEC OPS5 for OpenVMS	4.0A	913AA		1	[OPS040]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DEC OPS5/Japanese for OpenVMS	4.0A	913JA		10	[OPSJA040]
DEC Pascal for OpenVMS	5.5	126AA		4	[PASCAL055]
DEC PHIGS for OpenVMS VAX	3.1	0KBAA		2	[DECPHIGS031]
DEC PHIGS for OpenVMS VAX (Runtime)	3.1	VK1AA		2	[DECPHIGSRTO031]
DEC Remote Operation Services (ROS) for VMS	1.0	YU2AA		6	[ROS010]
DEC ROS Development Kit for VMS	4.0	YU3AA		6	[PLC409040]
DEC SecurityGate for VMS	1.1	GZFAA		6	[NSG011]
DEC SNA Domain Gateway	2.0	MKHAA		6	[SNAPU5020]
DEC SoftPC for VMS	4.0	YNWAA		4	[SOFTPC040]
DEC Storage Monitor for OpenVMS (Server)	1.0	MVAAA		4	[SEP_SMS010]
DEC Storage Monitor for OpenVMS (Client)	1.0	MVBAA		4	[SEP_SMC010]
DEC TN3270 Terminal Emulator for OpenVMS	1.0A	0CQJA		10	[TN3270TEA010]
DEC TN560 Terminal Emulator for OpenVMS	1.0A	0CSJA		10	[TN560TEA010]
DEC TN6680 Terminal Emulator for OpenVMS	1.0A	0CRJA		10	[TN6680TEA010]
DEC VOICE:mail for OpenVMS VAX	2.0A	0WBAA		6	[VCSIA020]
DEC VTX for OpenVMS VAX	6.2	031AA		2	[VTX062]
DEC VUIT (Visual User Interface Tool) /Japanese for VMS	2.1	MHRJA		10	[VUITJA021]
DEC X.500 Directory Services (Server)	3.0	0P4AA		4	[DXDV030]
DEC X.500 Directory Services (Admin Facility)	3.0	0P5AA		4	[DXDV030]
DEC/EDI for OpenVMS VAX	2.1D	YM1AA	UPD	4	[DECEDIMD021]
DEC/EDI FileBridge for OpenVMS	1.1	23WAA		6	[FBR011]
DECADMIRE	2.1A	091AA		2	[DECADM_VM01021A]
DECADMIRE for Visual Basic Generator	2.1A	3QVAA		2	[DECADM_VM01021A]
DECADMIRE/Japanese for OpenVMS	2.0	091JA		10	[DECADMIREJA020]
DECADMIRE w/Hebrew Support for ACMS/COBOL/DECforms for OpenVMS	1.2	MY1TA		11	[DECADMIREH012]
DECADMIRE w/Hebrew Support for COBOL/DECforms for OpenVMS	1.2	MY4TA		11	[DECADMIREH012]
DECCELMS (DEC Extended LAN Management Software)	1.1	YFPAA		2	[ELMS011]
DECdecision	2.0	VW3AA		2	[DECISION020]
DECdecision/Deutsch	1.5	VW3GA		7	[DECISIONDE015]
DECdecision/Español	1.1	VW3SA		7	[DECISIONES011]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DECdecision/Français	1.5	VW3PA		7	[DECISIONFR015]
DECdecision/Japanese for VMS/Japanese	1.5B	VW3JA		11	[DECISIONJA_B015]
DECdecision/Nederlands	1.1	VW3HA		7	[DECISIONNL011]
DECdecision/Svenska for VMS	1.1	VW3MA		7	[DECISIONSE011]
DECdfs for OpenVMS Systems	2.2	VEQAA		3	[DECDFS022]
DECdocument for OpenVMS Systems	3.1	VEEAA		7	[DOC031]
DECfax Mail for VMS	1.2	05TAA		7	[DECFAQ012]
DECforms for OpenVMS (Development)	2.1B	VCHAA		2	[FORMSMB021]
DECforms for OpenVMS (RunTime)	2.1B	VNSAA		2	[FORMSRTMB021]
DECforms/Hangul for OpenVMS VAX (Development)	2.1B	VCH4A	UPD	11	[FORMSANMB021]
DECforms/Hangul for OpenVMS VAX (RunTime)	2.1B	VNS4A	UPD	11	[FORMSRTANMB021]
DECforms/Hanyu for OpenVMS VAX (Development)	2.1B	VCH3A	UPD	11	[FORMSANMB021]
DECforms/Hanyu for OpenVMS VAX (RunTime)	2.1B	VNS3A	UPD	11	[FORMSRTANMB021]
DECforms/Hanzi for OpenVMS VAX (Development)	2.1B	VCH2A	UPD	11	[FORMSANMB021]
DECforms/Hanzi for OpenVMS VAX (RunTime)	2.1B	VNS2A	UPD	11	[FORMSRTANMB021]
DECforms/Japanese (Development)	2.1B	VCHJA	UPD	11	[FORMSANMB021]
DECforms/Japanese (RunTime)	2.1B	VNSJA	UPD	11	[FORMSRTANMB021]
DECimage Storage Manager for VMS	1.0	893AA		3	[ISM010]
DECintact	2.1	VF1AA		3	[DECINTACT021]
DECintact (Runtime)	2.1	VF2AA		3	[DECINTACT021]
DECintact (Remote)	2.1	VF3AA		3	[DECINTACT021]
DECmessageQ for OpenVMS (Development)	3.2B	GKPAA	UPD	3	[DMQVAXMUPB032]
DECmessageQ for OpenVMS (RunTime)	3.2B	GHVAA	UPD	3	[DMQVAXMUPB032]
DECnet SNA Application Programming Interface for OpenVMS	2.4	455AA		6	[SNALU0024]
DECnet SNA Gateway for Channel Transport	2.1A	VC9AA		6	[SNACSA021]
DECnet SNA Gateway for Synchronous Transport	1.2A	S01AA		6	[SNACST012]
DECnet SNA Remote Job Entry /Japanese for OpenVMS	1.4A	453JA		10	[JSNARJEA014]
DECnet-Plus for OpenVMS VAX	7.1	D04AA	UPD	2	[DNVOSI071]
DECnet/SNA 3270 Terminal Emulator /Japanese for VMS/Japanese	1.5A	454JA		10	[JSNATEA015]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DECnet/SNA Data Transfer Facility /Japanese (Server)	3.0	VEBJA		10	[SNADTFSJA030]
DECnet/SNA Data Transfer Facility /Japanese (Utilities)	3.0	VEKJA		10	[SNADTFUJA030]
DECnet/SNA Printer Emulator/Japanese	1.2A	044JA		10	[JSNAPREA012]
DEComni-API	3.0	4VBAA		2	[OMNIAPIV030]
DEComni-MMS	3.0	4VAAA		2	[OMNIMMSV030]
DECosap-AP	3.0	5BPAA		2	[OSAPV030]
DECosap-H1	3.0	5BQAA		2	[OSAPV030]
DECprint Printing Services for VMS	4.1	YNCAA		1	[CPS041]
DECprint Printing Services/Japanese for VMS/Japanese	4.1	YNCJA		10	[CPSJ041]
DECprint Supervisor (DCPS) for OpenVMS	1.3	09NAA		1	[DCPSVAX013]
DECprint Supervisor/Japanese for OpenVMS	1.2	09NJA		10	[DCPSJ012]
DECprint Supervisor for KODAK Printers for OpenVMS	1.0	0WEAA		1	[KPS010]
DECprint Utility for PostScript to Sixel Printing for VMS	1.0	VZPAA		1	[PSPRINT010]
DECram for OpenVMS	2.2B	GJ9AA		3	[DECRAMUB022]
DECserver 200 for VMS	3.3	VCBAA		4	[DS2033]
DECserver 250 for VMS	2.0	VTMAA		4	[DS25020]
DECserver 300 for VMS	2.2A	VTUAA		4	[DS3A022]
DECserver 500/550 for VMS	2.2	03KAA		4	[DS5022]
DECserver 700 for VMS, ULTRIX, UNIX, and MS-DOS	1.1B	XA5AA		4	[DS7A011]
DECserver 90 TL Software	1.1B	MJPAA		4	[DS9A011]
DECset for OpenVMS VAX Systems	12.1	965AA		3	[DECSET121]
DEC Code Management System (CMS) for OpenVMS VAX Systems	3.8	007AA		3	[DECSET121]
DEC Language-Sensitive Editor/Source Code Analyzer for OpenVMS VAX	4.4	057AA		3	[DECSET121]
DEC Module Management System (MMS) for OpenVMS VAX Systems	3.1	VADAA		3	[DECSET121]
DEC Performance and Coverage Anal for OpenVMS VAX Systems	4.4C	119AA		3	[DECSET121]
DEC Test Manager for OpenVMS VAX Systems	3.7	927AA		3	[DECSET121]
DECview3D Concurrent View and Edit for VMS	2.2	XWSAA		6	[CVE022]
DECview3D for VMS	2.2	796AA		6	[DECVIEW3D022]
DECvoice Software	2.4	VFUAA		6	[VOX024]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DECvoiceBuilder Software for OpenVMS (Edt & Reed Studio)	1.1	MQ7AA		6	[VAE011]
DECvoiceBuilder Software for OpenVMS (Admin & RunTime)	1.1	MQ8AA		6	[VAERT011]
DECwindows 4125 Emulator for VMS	1.0	VZQAA		6	[DW4125010]
DECwindows DECnet SNA 3270 Terminal Emulator for OpenVMS	2.0A	VXBAA		6	[SNADWTE020]
DECwindows DECnet SNA 3270 TE /Japanese for OpenVMS	2.0A	VXBJA		10	[SNADWTEJAA020]
DECwindows H560 Terminal Emulator for OpenVMS	2.0A	05HJA		10	[HDWTEA020]
DECwindows Motif for OpenVMS	1.2-3A	XA1AA	UPD	1	[DWMOTIFVAXU3012]
DECwindows Motif for OpenVMS	1.2-4	XA1AA		1	[DWMOTIFVAXU4012]
DECwindows Motif/Hebrew for OpenVMS	1.2-3C	XDDTA		7	[DECWH\$MOTIF_VAXU3012]
DECwindows Motif OpenVMS User Interface/Cesky	1.2-3C	0RGVA	UPD	7	[DECWMCS_CZU3012]
DECwindows Motif OpenVMS User Interface/Deutsch	1.2-3C	XDDGA	UPD	7	[DECWMDE_DEU3012]
DECwindows Motif OpenVMS User Interface/Español	1.2-3C	XDDSA	UPD	7	[DECWMES_ESU3012]
DECwindows Motif OpenVMS User Interface/Français	1.2-3C	XDDPA	UPD	7	[DECWMFR_FRU3012]
DECwindows Motif OpenVMS User Interface/Italiano	1.2-3C	XDDUA	UPD	7	[DECWMIT_ITU3012]
DECwindows Motif OpenVMS User Interface/Magyar	1.2-3C	0RGUA	UPD	7	[DECWMHU_HUU3012]
DECwindows Motif OpenVMS User Interface/Polski	1.2-3C	XDDWA	UPD	7	[DECWMPL_PLU3012]
DECwindows Motif OpenVMS User Interface/Russkij	1.2-3C	0RGXA	UPD	7	[DECWMRU_RUU3012]
DECwindows Motif OpenVMS User Interface/Slovenski	1.2-3C	0RGSA	UPD	7	[DECWMSK_SKU3012]
DECwindows Motif OpenVMS User Interface/Svenska	1.2-3C	XDDMA	UPD	7	[DECWMSV_SEU3012]
DECwindows Motif/Hangul for OpenVMS	1.2-3C	XA14A	UPD	11	[DWMV_KO_KRU3012]
DECwindows Motif/Hanyu for OpenVMS	1.2-3C	XA13A	UPD	11	[DWMV_ZH_TWU3012]
DECwindows Motif/Hanzi for OpenVMS	1.2-3C	XA12A	UPD	11	[DWMV_ZH_CNU3012]
DECwindows Motif/Japanese for OpenVMS	1.2-4	XA1JA	UPD	11	[DWMV_JA_JPU4012]
DECwindows Motif/Thai for OpenVMS	1.2-3C	XA15A	UPD	11	[DWMV_TH_THU3012]
DECwrite for OpenVMS VAX (American English)	3.1	VVFAA		1	[DECWRITE031]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DECwrite for OpenVMS VAX (British English)	3.1	VVFEEA		1	[DECWRITE031]
DECwrite/British for OpenVMS VAX	3.0	VVFEEA		8	[DECWRITE030]
DECwrite/Dansk for VMS	2.0	VVFDA		8	[DECWRITEDA020]
DECwrite/Deutsch for VMS	3.0	VVFGA		8	[DECWRITDE030]
DECwrite/Español for VMS	2.0	VVFSA		8	[DECWRITEES020]
DECwrite/Français for VMS	3.0	VVFPA		8	[DECWRITEFR030]
DECwrite/Hebrew for VMS	2.1	VVFTA		8	[DECWRITEIW021]
DECwrite/Italiano for VMS	2.1	VVFUA		8	[DECWRITEIT021]
DECwrite/Japanese for VMS/Japanese	2.0B	VVFJA		10	[WRITEJA_MUPB020]
DECwrite/Nederlands for VMS	2.0	VVFHA		8	[DECWRITENE020]
DECwrite/Norsk for VMS	2.0	VVFNA		8	[DECWRITENO020]
DECwrite/Suomi for VMS	2.0	VVFFA		8	[DECWRITESU020]
DECwrite/Svenska for VMS	2.0	VVFMA		8	[DECWRITESE020]
DIGITAL Application Generator VB Development for Windows	3.0	5AGAA		2	[DAGN030]
DIGITAL Cartridge Server Component for OpenVMS	3.0	YWNAA		3	[DCSC030]
DIGITAL Device Access Software for DASware	3.0	4NJAA		2	[OMNIAPIV030]
DIGITAL Device Access Software for Allen-Bradley INTERCHANGE	3.0	3PXAA		2	[DASDTLV030]
DIGITAL Device Access Software for Siemens 3964	3.0	4NNAA		2	[DAS3964V030]
DIGITAL Extended Math Library for OpenVMS (Development)	2.0A	YEZAA		3	[DXMLDVVVECO1020]
DIGITAL Extended Math Library for OpenVMS (Runtime)	2.0A	MUSAA		3	[DXMLRTVVVECO1020]
DIGITAL Fortran for OpenVMS VAX Systems	6.5	100AA	UPD	4	[FORT065]
DIGITAL GKS for OpenVMS VAX (Development)	6.4	810AA		2	[DECGKS064]
DIGITAL GKS for OpenVMS VAX (Runtime)	6.4	811AA		2	[DECGKSRT064]
Digital Optical Storage Desktop Software (OSDS) for OpenVMS VAX and Alpha	3.4	0U9AA	UPD	3	[OSDSV034]
Digital Optical Storage Management Software (OSMS) for OpenVMS VAX and Alpha	3.4	0UBAA	UPD	3	[OSMSV034]
DIGITAL SNA 3270 Application Services	1.2	MKJAA		3	[R3270012]
DIGITAL SNA 3270 Application Services (RunTime)	1.2	MKKAA		3	[R3270012]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
DIGITAL SNA 3270 Data Stream Programming Interface for OpenVMS	1.5	363AA		6	[SNA3270015]
DIGITAL SNA 3270 Terminal Emulator for OpenVMS	1.6	454AA		6	[SNATE016]
DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS	2.3	022AA		6	[SNALU62023]
DIGITAL SNA Data Transfer Facility (Server)	3.2	VEBAA		6	[SNADTFS032]
DIGITAL SNA Data Transfer Facility (Client)	3.2	VEKAA		6	[SNADTFU032]
DIGITAL SNA Printer Emulator for OpenVMS	1.3	044AA		6	[SNAPRE013]
DIGITAL SNA Remote Job Entry for OpenVMS	1.5	453AA		6	[SNARJE015]
DIGITAL TCP/IP Services for OpenVMS	4.1A	VHRAA	UPD	1	[UCXVAX_MA041]
DIGITAL TCP/IP Services/Japanese for OpenVMS/Japanese	4.1	VHRJA	UPD	10	[UCXJA041]
Disk File Optimizer for OpenVMS	2.2	GJ8AA		6	[DFG022]
DIGITAL Distributed Computing Environment (DCE) for OpenVMS VAX and Alpha (Develop)	1.4	01SAA	UPD	2	[DCEVAX014]
DIGITAL Distributed Computing Environment (DCE) for OpenVMS VAX and Alpha (RunTime)	1.4	01SA9	UPD	2	[DCEVAX014]
DIGITAL Distributed Computing Environment (DCE) for OpenVMS VAX and Alpha (CDS)	1.4	24DAA	UPD	2	[DCEVAX014]
DIGITAL Distributed Computing Environment (DCE) for OpenVMS VAX and Alpha (Sec)	1.4	24FAA	UPD	2	[DCEVAX014]
DSM for OpenVMS VAX Systems	6.6A	130AA	UPD	6	[DSMVAXMUPA066]
EDCS II (Server)	2.4A	518AA	UPD	3	[EDCSVV024]
EDCS II (Client)	2.4A	380AA	UPD	3	[EDCSVV024]
F6650 Terminal Emulator for OpenVMS	1.0A	2TKJA		10	[F6650TEA010]
F-RJE for OpenVMS	1.0A	2THJA		10	[FRJEA010]
F-PrE for OpenVMS	1.0A	2TJJA		10	[FPREA010]
H560 Terminal Emulator for OpenVMS	1.0A	2TGJA		10	[H560TEA010]
Hierarchical Storage Management for OpenVMS	2.1	0NXAA	UPD	6	[HSM021]
HUBwatch for OpenVMS VAX	3.1	0GEAA		6	[HUBWATCH031]
H-PrE for OpenVMS	1.0A	2TFJA		10	[HPREA010]
H-RJE for OpenVMS	1.0A	2TEJA		10	[HRJEA010]
IEX-VMS-Driver	4.4	519AA		6	[IEX044]
IXV11/VMS Driver	2.1	VHZAA		6	[IXV11021]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
InfoServer Software	3.4	YSHAA		6	[INFOSERV034]
KAP for DEC C for OpenVMS VAX	1.1	MJ4AA		4	[KCC011]
KAP for DEC Fortran for OpenVMS VAX	1.1	MJ5AA		4	[KFORT011]
LAN Traffic Monitor	1.2	VEHAA		4	[LTM012]
MAILbus 400 Message Transfer Agent for OpenVMS VAX	2.0	04QAA		6	[MTA020]
MAILbus 400 Application Program Interface for OpenVMS	2.0	04RAA		6	[MTA020]
MAILbus 400 Message Router Gateway for OpenVMS	1.2	342AA		6	[XMR012]
MAILbus Directory Migration Toolkit for OpenVMS VAX	1.0	4Z0AA		6	[XDDS010]
MAILworks for OpenVMS	1.3A	YCZAA		1	[A1MAIL013]
MAILworks/Japanese for OpenVMS	1.3A	YCZJA		10	[A1MAILJA013]
MEP VT for DEC SNA 3270 Application Services	3.0	06CAA		6	[MEPVT030]
MUXserver 300 Remote Terminal Server for VMS	1.3	VT7AA		4	[MS3013]
MUXserver 320/380/90 Remote Terminal Server	2.0	YWLAA		4	[MS380020]
MicroVAX MIRA Switch Control	2.2	09TAA		4	[MRA022]
MicroVAX/DRQ3B Device Driver	1.4	0APAA		4	[HX014]
NMCC/VAX ETHERnim	2.3	514AA		6	[ENIM023]
ObjectBroker for OpenVMS (Development)	2.7	XKAAA	UPD	2	[OBBDEV027]
ObjectBroker for OpenVMS (RunTime)	2.7	XKBAA	UPD	2	[OBBRT0027]
OPENVMS Cluster Software	7.1	VBRAA	UPD	1	[VAXCLU071]
OpenVMS SNA	2.2	362AA		3	[SNAVMS022]
OpenVMS Operating System for VAX	7.1	001AA	UPD	1	[VMS071]
OpenVMS/Hangul VAX Operating System	7.0	0014A		11	[HANGUL070]
OpenVMS/Hanyu VAX Operating System	7.0	0013A		11	[HANYU070]
OpenVMS/Hanzi VAX Operating System	7.0	0012A		11	[HANZI070]
OpenVMS/Japanese VAX Operating System	7.1	001JA	UPD	10	[JVMS071]
OpenVMS/Japanese VAX Operating System	7.0	001JA		10	[JVMS070]
OpenVMS/Thai VAX Operating System	7.0	0015A		10	[THAI070]
PATHWORKS for OpenVMS	5.0E	A93AA	UPD	4	[PWRKV50E050]
PATHWORKS for VMS (Macintosh)	1.3	YPCAA		4	[MSA013]
PATHWORKS for OpenVMS (NetWare)	1.0E	0ENAA	UPD	4	[PWRKV50E050]
PL/I for OpenVMS	3.5A	114AA		6	[PLI035]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
POLYCENTER Accounting Chargeback for OpenVMS	2.2	XTXAA		5	[PSAC022]
POLYCENTER Capacity Planner	4.0	GX3AA		5	[ECP040]
POLYCENTER CONSOLE Manager	1.6	V01AA		5	[CONSOLE016]
POLYCENTER Extended Lan Manager for OpenVMS VAX	1.4	GX8AA		5	[MCCELM014]
POLYCENTER Fault Diagnostic Package	1.4	MDLAA		5	[MCCTCPIPDA014]
POLYCENTER Framework	1.4	VM9AA		5	[MCCDIR014]
POLYCENTER Framework Developer's Toolkit	1.4	YSWAA		5	[MCCTK014]
POLYCENTER Framework Historian Option	1.4	MDNAA		5	[MCCHIS014]
POLYCENTER Framework Notification Option	1.4	MDSAA		5	[MCCNTF014]
POLYCENTER Network Manager 200	1.4	YSUAA		5	[MCCBMS014]
POLYCENTER Network Manager 400	2.4	YFVAA		5	[MCCEMS024]
POLYCENTER Network Statistics Option	1.4	MDQAA		5	[MCCSTA014]
POLYCENTER Network Topology Option	1.4	MDJAA		5	[MCCCNF014]
POLYCENTER Performance Advisor for OpenVMS	2.2	GX2AA		5	[PSPA022]
POLYCENTER Performance Data Collector for OpenVMS	2.2	GX1AA		5	[PSDC022]
POLYCENTER Save Set Manager for OpenVMS	1.3A	2YCAA	UPD	5	[SAVESETUA013]
POLYCENTER Scheduler OpenVMS	2.1B	YLLAA		5	[VSCHED_MB021]
POLYCENTER Scheduler OpenVMS	2.1B	3AVAA		5	[VSCHED_AGENT021]
POLYCENTER Scheduler/Japanese for OpenVMS VAX	2.1	YLLJA		10	[SCHEDULERJA021]
POLYCENTER Security Compliance Manager for OpenVMS VAX and OpenVMS Alpha	3.0	GKLAA		5	[INSPECT030]
POLYCENTER Security Intrusion Detector for OpenVMS AXP and OpenVMS VAX	1.2A	MRNAA		5	[RIDVMUPA012]
POLYCENTER Security Reporting Facility for OpenVMS	2.1	GKMAA		5	[DSRF021]
POLYCENTER Sequential Media Filesystem for OpenVMS	1.2	2AXAA		5	[SMFS012]
POLYCENTER SNA Manager	1.0	MQXAA		5	[SNAMCC010]
POLYCENTER Software Distribution	3.0	B13AA		5	[RSMRSRV030]
POLYCENTER Striping for OpenVMS VAX	2.1	YELAA		5	[STRIPE021]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
POLYCENTER System Watchdog Agent for OpenVMS	2.2	MTZAA		5	[SNS022]
POLYCENTER System Watchdog Consolidator for OpenVMS	2.2	MTYAA		5	[SNS022]
POLYCENTER Terminal Server Access Module for OpenVMS	1.4	GVTA		5	[MCCTSAM014]
POSIX for OpenVMS	3.0	GXXAB		3	[POSIX030]
PrintServer Software	5.1	0V9AA		1	[LPS051]
PrintServer Software/Japanese for OpenVMS	5.1	0V9JA		10	[LPSJ051]
Reliable Transaction Router for OpenVMS VAX (Server)	3.1B	XNKAA	UPD	3	[RTRVVM31B]
Reliable Transaction Router for OpenVMS VAX (Client)	3.1B	XNLAA	UPD	3	[RTRVVM31B]
RuleWorks	2.0	4W6AD		6	[RUL020]
RMS Journaling for OpenVMS VAX	7.1	VDVAA	UPD	1	[RMSJNL071]
SSU for OpenVMS Systems	2.0	VE3AA		3	[SSU020]
Storage Library System for OpenVMS	2.8A	0L7AA	UPD	3	[SLSA028]
Storage Library System for OpenVMS (Remote)	2.8A	YE8AA	UPD	3	[SLSCLIENTA028]
StorageWorks Desktop Backup/Archiver Backup Server for OpenVMS VAX & AXP	2.1	MR1AA		6	[DTB021]
StorageWorks HSZ40 Array Controller Utility for OpenVMS	1.0	3DCAC		6	[HSZTERM010]
StorageWorks RAID Software for OpenVMS	2.3	0MGAA		6	[RAID023]
TeamRoute for ALL-IN-1 OpenVMS VAX	1.3	GEZAA		1	[TMRA1013]
TeamRoute for VMS	1.0	GEXAA		1	[TMR010]
TeamRoute/Dansk for ALL-IN-1	1.1	GEZDA		10	[TMRA1LDA011]
TeamRoute/Deutsch for ALL-IN-1	1.1	GEZGA		10	[TMRA1LDE011]
TeamRoute/Español for ALL-IN-1	1.0	GEZSA		10	[TMRA1LES010]
TeamRoute/Français for ALL-IN-1	1.1	GEZPA		10	[TMRA1LFR011]
TeamRoute/Italiano for ALL-IN-1	1.1	GEZUA		10	[TMRA1LIT011]
TeamRoute/Japanese for OpenVMS	1.0	GEXJA		10	[JTMR010]
TeamRoute/Nederlands for ALL-IN-1	1.1	GEZHA		10	[TMRA1LNL011]
TeamRoute/Norsk for ALL-IN-1	1.1	GEZNA		10	[TMRA1LNO011]
TeamRoute/Suomi for ALL-IN-1	1.1	GEZFA		10	[TMRA1LFI011]
TeamRoute/Svenska for ALL-IN-1	1.1	GEZMA		10	[TMRA1LSV011]
Terminal Server Manager	2.1	VDHAA		7	[TSM021]
VAX 2780/3780 Protocol Emulator	1.8	111AA		4	[BSCPTP018]
VAX ADE	2.5	425AA		4	[ADE025]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
VAX BASIC	3.8	095AA		4	[BASIC038]
VAX COBOL Generator	1.4	365AA		2	[GEN014]
VAX COBOL for OpenVMS VAX Systems	5.4	099AA	UPD	2	[COBOL054]
VAX COBOL/Japanese for OpenVMS VAX	5.3	099JA		10	[NCOBOL053]
VAX DECalc	4.0B	310AA		2	[CALCMUPB040]
VAX DECalc-PLUS	4.0B	A98AA		2	[PLUSMUPB040]
VAX DECgraph	1.6A	360AA		2	[GRAPHMUPA016]
VAX DECslide	1.4	361AA		2	[SLIDE014]
VAX Distributed Name Service	1.1A	VERAA		2	[DNS011]
VAX DOCUMENT/Japanese	2.1	VEEJA		10	[DOCJA021]
VAX FMS	2.4	VD7AA		7	[VAXFMS024]
VAX FMS (Runtime)	2.4	VD8AA		7	[FMSFDV024]
VAX FMS/JAPANESE	2.4	VD7JA		10	[VAXFMSJ024]
VAX FMS/JAPANESE (Runtime)	2.4	VD8JA		10	[FMSFDVJ024]
VAX ISDN	2.2	VZ9AA		3	[ISDN022]
VAX ISDN Access	2.2	VZCAA		3	[ISDN-ACCESS022]
VAX LN03 Image Support Software	1.0	VZRAA		6	[LN03IMAGE010]
VAX Message Router (VMSmail Gateway)	3.3	730AA		6	[MRGATE033]
VAX Message Router (VMSmail Gateway)	3.3A	730AA		6	[MRGATEA033]
VAX Message Router (Base System)	3.3	732AA		6	[MR033]
VAX Message Router (Base System)	3.3A	732AA		6	[MRA033]
VAX Message Router (Programmer's Kit)	3.3	733AA		6	[MRIF033]
VAX Message Router X.400 Gateway	2.3	VDMAA		6	[MRX023]
VAX Message Router X.400 Gateway /Japanese	2.2	VDMJA		10	[JMRX022]
VAX Message Router/P Gateway	1.3	VCGAA		6	[MRP013]
VAX Message Router/S Gateway	1.3	VDUAA		6	[MRS013]
VAX Public Access Communications	1.3	VFHAA		6	[VAXPAC013]
VAX Real-Time Accelerator Software	2.0A	VJNAA		6	[VRTA020]
VAX Remote Environmental Monitoring Software	1.4	VI5AA		6	[REMS014]
VAX TDMS	1.9A	706AA		3	[TDMSDEV019]
VAX TDMS (Runtime)	1.9A	711AA		3	[TDMSRTO019]
VAX-11 RSX	2.5	382AA		6	[RSX025]
VAXeln KAV Toolkit Extensions for VMS	1.1	GESAA		6	[KAV011]
VAXeln KMV1A Tool Kit	1.1	OJPAA		6	[KMV_ELNTOOL011]
VAXeln Toolkit	4.6	375AA		6	[ELN046]

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Table 1-1 (Cont.) March 1997 Software Products

Product Name	Vers.	UPI	Status	CD	Directory
VAXft System Services	2.0	YEAAA		3	[FTSS020]
VMS License Management Facility	1.1	XANAA		7	[LMF011]
VMS Workstation Software/Japanese	4.4	A96JA		10	[JVWS044]
Volume Shadowing for OpenVMS VAX	7.1	AB2AA	UPD	1	[VOLSHD071]

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Table 1–2 March 1997 NAS Packages

Product Name	Vers.	UPI	Status	CD	Directory
NAS Base Server 200 for OpenVMS VAX Systems	8.1	MC1AA	UPD	1	[NAS_BASE_SERVER]
NAS Base Server 200 for OpenVMS VAX Systems	8.1	MC1AA	UPD	2	[NAS_BASE_SERVER]
NAS Client 150 for OpenVMS VAX Systems	8.1	36PAA	UPD	1	[NAS_CLIENT_150]
NAS Client 150 for OpenVMS VAX Systems	8.1	36PAA	UPD	2	[NAS_CLIENT_150]
NAS Client 250 for OpenVMS VAX Systems	8.1	XVDAA	UPD	1	[NAS_CLIENT]
NAS Client 250 for OpenVMS VAX Systems	8.1	XVDAA	UPD	2	[NAS_CLIENT]
NAS Production Server 400 for OpenVMS VAX Systems	8.1	MC5AA	UPD	1	[NAS_PROD_SERVER]
NAS Production Server 400 for OpenVMS VAX Systems	8.1	MC5AA	UPD	2	[NAS_PROD_SERVER]
NAS Server 300 for OpenVMS VAX Systems	8.1	MC2AA	UPD	1	[NAS_SERVER]
NAS Server 300 for OpenVMS VAX Systems	8.1	MC2AA	UPD	2	[NAS_SERVER]

OpenVMS VAX March 1997 Software Product Library Master Index

Table 1-3 March 1997 Removed Products

Product Name	Vers.	UPI	Status	CD ¹	Directory
AAF01/VMS Subroutine Library	2.0	EFRAA	REM	7	[AAF01020]
ADF01/VMS Subroutine Library	4.0	735AA	REM	7	[ADF01040]
DEC @aGlance for VMS (Development Option)	1.0	MREAA	REM	6	[AAGDEV010]
DEC @aGlance for VMS (Server Runtime Option)	1.0	MRFAA	REM	6	[AAGRTO010]
DEC @aGlance for VMS (Client Runtime Option)	1.0	MRGAA	REM	6	[AAGRTO010]
DEC Distributed Computing Services for OpenVMS	1.0	07NAA	REM	4	[DCS010]
DEC Signaling System 7 (DECss7) for OpenVMS	2.1	GUTAA	REM	4	[SS7021]
DECwindows F6680 Terminal Emulator for OpenVMS	2.0A	05FJA	REM	10	[FDWTEA020]
DRX11-C/VMS Driver	6.0	S36AA	REM	6	[DRX11C060]
VAX BLISS-32 Implementation Language	4.6	106AA	REM	4	[BLS32046]
VAX KCT32	2.1	128AA	REM	3	[UK021]
VAX KMS11-BD/BE HDLC/BSC Framing Software	2.1	920AA	REM	3	[YN021]
VAX KMS11-BD/BE X.25 Link Level Software	2.1	757AA	REM	3	[YO021]
POLYCENTER Software Distribution	3.0	B13AA	REM	5	[RSMSRV030]
POLYCENTER System Census for OpenVMS VAX & ULTRIX (Agent)	1.3	ML1AA	REM	5	[SCAGT013]
POLYCENTER System Census for OpenVMS VAX & ULTRIX (Consolidator)	1.3	ML4AA	REM	5	[SCCON013]
POLYCENTER System Census for OpenVMS VAX & ULTRIX (GUI)	1.3	ML7AA	REM	5	[SCGUI013]

¹This table specifies the CD and Directory location of products on the *December 1996* CD-ROMs.



DIGITAL NAS™ Packages Version 8.1 for OpenVMS™ VAX™ Systems Version 7.1
AV-Q001G-TE

Read Before Installing

This letter introduces the DIGITAL NAS Packages Version 8.1 for OpenVMS VAX Systems. DIGITAL NAS packages provide client/server enabling software, including:

- Licenses to use selected component products
- Installation instructions
- Media and documentation

The DIGITAL NAS packages are available as separate kits or on the CD-ROM Software Products Library for OpenVMS VAX systems. Consult the Software Licensing Table in each of the DIGITAL NAS packages Software Product Descriptions (SPDs) for a complete list of the DIGITAL NAS components.

As of DIGITAL NAS Version 8.1, the TK-50 Media supplement is fully retired. All DIGITAL NAS packages are available as CD-ROM media kits.

With the release of DIGITAL NAS Version 8.1, the following products are being removed from the packages:

- ObjectBroker for OpenVMS Run-Time Only
- DECmessageQ for OpenVMS Run-Time Only
- POLYCENTER Software Distribution for OpenVMS VAX Client
- POLYCENTER Software Distribution for OpenVMS VAX Server
- POLYCENTER Performance Advisor for OpenVMS
- POLYCENTER Performance Data Collector for OpenVMS

Customers who have DIGITAL NAS Version 8.0 or earlier may continue to use the above products.

The DIGITAL NAS Production Server 400 provides an Advance License (AL) for ACMST™ for OpenVMS that was not available at the time of the DIGITAL NAS Production Server 400 component integration testing. This license allows you to use the product when it becomes available on your OpenVMS VAX Software Product Library distribution.

Special Installation Considerations for all DIGITAL NAS packages Customers

The DIGITAL NAS packages are a set of selected component products. They differ from individual products and, as such, require special installation considerations, especially regarding the order of installation of the various components.

To successfully install the components that make up your DIGITAL NAS packages, please read the instructions in the *DIGITAL NAS packages for OpenVMS VAX Systems Installation Guide*, which outlines the following procedures:

- Loading your Product Authorization Key (PAK)
- Installing the DIGITAL NAS packages Base Kit
- Editing MODPARAMS.DAT as necessary and rebooting using AUTOGEN
- Installing the DIGITAL NAS components and rebooting as necessary

See the Software Product Description (SPD) and the *DIGITAL NAS packages Installation Guide* for a complete list of the DIGITAL NAS components for each DIGITAL NAS package. See "Installing a DIGITAL NAS Package: At a Glance," a checklist in Chapter 2 of the installation guide, for a simple summary of the DIGITAL NAS installation procedures.

Documentation

With the exception of this letter, the DIGITAL NAS Version 8.1 documentation has been delivered to you in online form. The DIGITAL NAS packages provide documentation in Bookreader™, PostScript®, and text formats.

See the **installation guide** section that describes how to access all online documentation. To locate the installation guide online, see the Accessing Documentation from the CD-ROM Distribution section of this letter.

There are two DECnet™ products included in the DIGITAL NAS packages Version 8.1, DECnet-Plus for OpenVMS VAX Systems and DECnet for OpenVMS VAX Systems. See Chapter 3 of the DIGITAL NAS installation guide and the DIGITAL NAS packages Software Product Descriptions (SPDs) for more information.

Accessing Documentation from the CD-ROM Distribution

If you have received your DIGITAL NAS packages distribution on CD-ROM, the *DIGITAL NAS packages Installation Guide* can be found in either of the following directories on the first CD-ROM labeled *DIGITAL NAS Packages Version 8.1 for OpenVMS VAX Systems for OpenVMS VAX Software*:

- `disk:[xxx.DOCUMENTATION]xxx_IGUIDE.TXT`
- `disk:[xxx.DOCUMENTATION]xxx_IGUIDE.PS`

In this format, *disk* is the drive where you mount the DIGITAL NAS packages CD-ROM and *xxx* is the product prefix, as shown in the following table:

DIGITAL NAS packages	Product Prefix
DIGITAL NAS Client 150	NAS_CLIENT_150
DIGITAL NAS Base Server 200	NAS_BASE_SERVER
DIGITAL NAS Client 250	NAS_CLIENT
DIGITAL NAS Server 300	NAS_SERVER
DIGITAL NAS Production Server 400	NAS_PROD_SERVER

For example, to extract the *DIGITAL NAS packages for OpenVMS VAX Systems Installation Guide* for the DIGITAL NAS Client 250 in PostScript form, enter the following commands:

```
$ MOUNT/OV=ID DKA100:
$ PRINT/PARAM=(DATA_TYPE=POSTSCRIPT)/QUEUE=MY_PRINTER -
  DKA100:[NAS_CLIENT.DOCUMENTATION]NAS_CLIENT_IGUIDE.PS
```

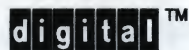
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® PostScript is a registered trademark of Adobe Systems Incorporated.

The first of these is the fact that the
 government has been unable to raise
 sufficient funds to meet its obligations.
 This has led to a situation where the
 government is unable to pay its debts.
 The second is the fact that the
 government has been unable to raise
 sufficient funds to meet its obligations.
 This has led to a situation where the
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The government has been unable to raise
 sufficient funds to meet its obligations.
 This has led to a situation where the
 government is unable to pay its debts.



Software Product Libraries and Online Documentation Libraries

AV-R0N9A-TE

For several years, Digital has distributed software products for VAXTM and Alpha platforms on compact disc (CD-ROM). Utilizing our software licensing technology, the License Management Facility (LMF), Digital has been able to offer product libraries on CD-ROM.

The offerings are available as **binaries only**, **documentation only**, or as **library packages**, which include both binaries and documentation.

Changes are coming that will enhance some current offerings and also add new offerings. The following sections describe these changes and provide a complete list of all the consolidated software and online documentation products and services for VAX, RISC, and Alpha Systems.

Enhanced Offerings (No New Order Required for Service Customers)

Beginning in December '96, the OpenVMS VAX **binaries-only** and **library package** offerings will be enhanced to include the complete operating system kit. In addition, all online documentation offerings will be enhanced to include the operating system documentation as well as software layered products documentation. The enhanced offerings are indicated by a plus sign (+) in Table 1.

New Offerings (New Part Numbers Must Be Ordered)

Also beginning in December '96, the complete operating system kits will be combined with layered product kits for OpenVMS Alpha and Digital UNIX®. The combination of operating system plus layered products will ship quarterly, on the current schedules. OpenVMS Alpha or Digital UNIX customers may request the new part numbers indicated by an asterisk (*) in Table 1.

For orders or pricing information, contact 1-800-DECSALE after 8 November, 1996.

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® UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Co. Ltd.

Table 1: Software Product Libraries and Online Documentation Libraries¹

(a) Binaries Only—No Documentation		One-Time Order	Service Subscription
+	OpenVMS VAX Software Layered Products and Operating System Library	QA-VWJ8A-H8	QT-VWJ8A-C8
*	OpenVMS VAX Software Layered Products Library	QA-5FW8A-H8	QT-5FW8A-C8
*	OpenVMS Alpha Software Layered Products and Operating System Library	QA-5FX8A-H8	QT-5FX8A-C8
	OpenVMS Alpha Software Layered Products Library	QA-4KL8A-H8	QT-4KL8A-C8
*	Digital UNIX Alpha Software Layered Products and Operating System Library	QA-5FY8A-H8	QT-5FY8A-C8
	Digital UNIX Alpha Software Layered Products Library	QA-4KN8A-H8	QT-4KN8A-C8
	ULTRIX™ VAX/RISC Software Layered Products and Operating System Library	QA-XLU8A-H8	QT-XLU8A-C8
(b) Documentation Only		One-Time Order	Service Subscription
	OpenVMS VAX OnLine Documentation Library	QA-VYR8A-G8	QT-VYR8A-C8
+	OpenVMS Alpha OnLine Documentation Library	QA-4KM8A-G8	QT-4KM8A-C8
+	Digital UNIX Alpha OnLine Documentation Library	QA-4KP8A-G8	QT-4KP8A-C8
	ULTRIX VAX/RISC OnLine Documentation Library	QA-GEW8A-G8	QT-GEW8A-C8
(c) Library Packages—Binaries, Documentation		One-Time Order	Service Subscription
+	OpenVMS VAX Software Layered Products and Operating System Library Package	QA-YL48A-H8	QT-YL48A-C8
*	OpenVMS VAX Software Layered Products Library Package	QA-5G88A-H8	QT-5G88A-C8
*	OpenVMS Alpha Software Layered Products and Operating System Library Package	QA-5G9AA-H8	QT-5G9AA-C8
	OpenVMS Alpha Software Layered Products Library Package	QA-03XAA-H8	QT-03XAA-C8
*	Digital UNIX Alpha Software Layered Products and Operating System Library Package	QA-5GA8A-H8	QT-5GA8A-C8
	Digital UNIX Alpha Software Layered Products Library Package	QA-054AA-H8	QT-054AA-C8
	ULTRIX VAX/RISC Software Layered Products and Operating System Library	QA-XLV8A-H8	QT-XLV8A-C8

¹ A plus sign (+) indicates an enhanced offering. An asterisk (*) indicates a new offering.



Getting Started

AV-R1CSA-TE

Dear Customer,

User Guides for the Software Product Library and Online Documentation Library CD titles are available on disc 1 in the [README] directory on OpenVMSTM systems, and in the /readme directory on Digital UNIX[®] and ULTRIXTM systems.

To assist you with mounting instructions, please refer to the following:

OpenVMS

Use the following mount command:

```
$ MOUNT/SYSTEM device volume-label
```

where: *device* is the name of the CD device
volume-label is the 12-character volume label located on the face of the disc

Example:

```
$ MOUNT/SYSTEM DKA400: VAXBINSEP961
```

Digital UNIX

Log in as root or become superuser, then use the following mount command:

```
# mount -r /dev/rzunitc /mount-point
```

where: *unit* is the unit number of the disc drive
mount-point is the directory created to function as the mount point for the file system

If the Operating System version is lower than Version 1.3, use the -dr option instead of -r.

ULTRIX

Log in as root or become superuser, then use the following mount command:

```
# mount -r /dev/rzunitc /mount-point
```

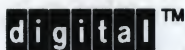
where: *unit* is the unit number of the disc drive
mount-point is the directory created to function as the mount point for the file system

For more information regarding mounting and controlling access to the discs, please refer to the User's Guide located in the [README] or /readme directories on disc 1.

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OpenVMS™ Delta-Time Limit Notification Cover Letter

AV-R4Y1A-TE

February 1997

Dear OpenVMS Customer,

The OpenVMS operating system has a documented delta-time limit that may cause a serious error in some applications and OpenVMS components beginning on or around 19-MAY-1997. DIGITAL has provided ECOs (Engineering Change Orders) that remove the delta-time limit.

Applications and OpenVMS components most likely to experience errors are those that pass delta-time arguments with values exceeding 9999 days on system-supplied date routines. The most likely date that these errors will occur is 19-MAY-1997:00:00, which is 10,000 days after the common UNIX time origin of 1-JAN-1970.

DIGITAL strongly recommends that **all** customers running the affected versions of OpenVMS install the appropriate ECO, as follows:

For OpenVMS Alpha Version 6.1 through Version 7.0: **ALPLIBR05_070**

For OpenVMS VAX Version 5.5 through Version 7.0: **VAXLIBR05_070**

Systems running OpenVMS Alpha Version 7.1 and OpenVMS VAX Version 7.1 are not affected and do not need to install the ECO.

The following OpenVMS components and software products are known to be affected by the delta-time limit. The ECOs correct the problems observed in these products.

Product	OpenVMS Version
OpenVMS SECURITY Server	OpenVMS Alpha V7.0 only
DECwindows Motif for OpenVMS	OpenVMS Alpha V7.0 only
Distributed Computing Environment (DCE) for OpenVMS	OpenVMS Alpha V6.2 only
OpenVMS DECthreads	OpenVMS Alpha and OpenVMS VAX V5.5 through V7.0
(OSU) DECthreads HTTP Server (freeware provided with the OpenVMS Internet Product Suite)	OpenVMS Alpha and OpenVMS VAX V5.5 through V7.0

Other software products running on OpenVMS might also experience errors stemming from this delta-time limit. Contact the appropriate software vendor for more information.

Impact on Application Developers

Application developers and their customers must install the appropriate ECO.

If an application developer uses OpenVMS shareable images, there is no required code change and relinking is not necessary; installing the ECO on the customer system corrects the problem.

If an application developer does *not* use OpenVMS shareable images (that is, links using STARLET) and the application is subject to the 10,000 day restriction, no code change is required. However, the developer must relink the application after installing the ECO and might need to redistribute the software. The application developer's customers must also install the ECO on their systems.

If your application calls the following OpenVMS RTL Library (LIB\$) routines, you may encounter errors due to the 10,000 day delta-time limit.

LIB\$CVT_TO_INTERNAL_TIME	LIB\$SUB_TIMES
LIB\$CVT_FROM_INTERNAL_TIME	LIB\$MULT_DELTA_TIME
LIB\$CVTF_TO_INTERNAL_TIME	LIB\$MULTF_DELTA_TIME
LIB\$CVTF_FROM_INTERNAL_TIME	LIB\$CONVERT_DATE_STRING
LIB\$CVT_VECTIM	LIB\$ADD_TIMES

Applications that are written in DEC C and contain portable code that calls only ANSI time functions are not impacted.

Distribution Channels

DIGITAL is distributing the ECOs only through the following channels. Customers should obtain the ECOs from:

- DIGITAL Electronic Service Delivery Tools (such as DSNlink, Web Information and Support Service (WIS), and DIGITAL Dial-In Access (DIA))
- the World Wide Web at:
http://www.service.digital.com/html/patch_main.html
- the following FTP address:
<ftp://ftp.service.digital.com/public/vms/>

If you need further information, please contact your normal DIGITAL support channel.

DIGITAL appreciates your cooperation and patience. We regret any inconvenience applying this update may cause.

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